

1 **ABSTRACT**

2 A security component determines whether a request for a resource poses a
3 security risk to a computing device and verifies the integrity of the requested
4 resource before the request is allowed. For a request having arguments and a
5 resource path with a filename that identifies the resource, the security component
6 determines that the request does not pose a security risk if the resource path does
7 not exceed a maximum number of characters, individual arguments do not exceed
8 a maximum number of characters, the arguments combined do not exceed a
9 maximum number of characters, and the filename has a valid extension. The
10 security component verifies the integrity of a requested resource by formulating a
11 descriptor corresponding to the resource and comparing the descriptor with a
12 cached descriptor corresponding to the resource.